

FULL CUT-OFF HIGH-MOUNTED OUTDOOR LIGHTING SYSTEM

ABSTRACT

5 The invention is an illumination assembly for illuminating a large outdoor playing field with zero candela intensity at an angle of ninety degrees above nadir. The invention includes a support-receiving portion, a luminaire coupled to the support wherein each luminaire achieves full cut-off, and wherein each luminaire is coupled to the support in a way that the illumination assembly achieves full cut-off. The invention is also a method of enabling the reduction of light pollution in an outdoor environment by using at least one full cut-off luminaire. The invention is also embodied as a lighting system for illuminating a large outdoor playing field with zero candela intensity at an angle of ninety degrees above nadir, using a plurality of full cut-off illumination assemblies placed in predetermined locations about the playing field.